

**NAVAL MEDICAL CENTER PORTSMOUTH**

**LABORATORY MEDICINE SERVICES**

**JAN 2008 - JUN 2008**

Table 1. Antibiogram based on the K/B disc method for Gram Negative Rods reported as % susceptible.

PATHOGEN	ENTEROBACTERIACEAE PANEL													
	n <sup>a</sup>	AML <sup>b</sup>	AMP	KZ	CTX	CTT	CXM	CIP	CN	F	TE	SXT	LVX	TGC
<i>Escherichia coli</i>	1206	92	66	97	99	99	99	94	97	99	87	87	94	100
<i>Proteus mirabilis</i>	177	97	94	96	99	98	97	99	100	33	16	97	98	97
	KES PANEL <sup>c</sup>													
	n	AMK	FEP	AML	CAZ	CIP	CN	IPM	F	LVX	TAZ	TE	TOB	SXT
<i>P. aeruginosa</i>	92	92	97	35	93	91	87	96	88	84	97	43	95	24
<i>Pseudomonas spp.</i>	2	100	100	50	50	100	100	100	50	100	100	100	100	50
<i>Klebsiella spp.</i>	166	93	98	91	91	91	98	98	92	93	96	91	91	95
<i>Citrobacter spp.</i>	44	100	100	82	100	98	100	100	95	100	100	100	100	100
<i>Acinetobacter spp.</i>	9	78	89	67	78	89	89	89	78	89	89	89	78	89
<i>B. cepacia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>E. aerogenes</i>	40	98	100	33	95	98	100	100	100	98	100	100	100	100
<i>E. cloacae</i>	17	100	100	29	94	88	100	100	94	94	100	88	100	94
<i>S. maltophilia</i>	Isolate tested using E-test method below													

<sup>a</sup>Number of isolates tested.

<sup>b</sup>Numbers under each antibiotic columns indicate % susceptible

<sup>c</sup>*Klebsiella*, *Enterobacter* and other oxidase positive/negative gram negative rods.

Table 2. Antibiogram based on the K/B disc method for Gram Positive Cocci reported as % susceptible.

PATHOGEN	STAPHYLOCOCCUS PANEL												
	n	KZ	DA	CN	F	LVX	OX	E	RD	TE	SXT	TGC	VA
<i>S. aureus</i>	492	100	98	100	100	96	100	68	100	68	99	100	100
M.R.S.A*	547	0	90	99	100	79	0	28	99	97	100	100	100
<i>Staph. coag. neg.</i>	611	64	79	93	98	88	63	48	98	83	79	100	100

\*MRSA represents 52.6% of the total *S. aureus*

Table 3. Antibiogram based on Minimum Inhibitory Concentration (MIC) values reported as % susceptible.

PATHOGEN	ENTEROCOCCUS PANEL									
	n	AM	GMS	STS	SYN	LNZ	VA	AM= Ampicillin	VA = Vancomycin	
<i>E. faecalis</i>	166	97	92	88	100	100	99	GMS= Gent. Syn	LNZ=Linezolid	
<i>E. faecium</i>	21	43	62	81	81	95	38	STS = Strep. Syn	SYN= Synercid	
	E-TEST METHOD									
	n	MX	TLc	TS	TGC	MX = Moxifloxacin TGC: Tygacil				
<i>Steno. maltophilia</i>	28	71	29	86	89	TLc = Timentin				
						TS= Septra				
	n	TXL	LVX	EM	PG	RI	VA	TXL: Ceftriaxone	EM: Erythromycin	
<i>Strep. pneumoniae</i>	22	100	100	59	59	91	100	CD: Clindamycin	PG: Penicillin	
								RI: Rifampin	VA: Vancomycin	

Table 4. Group B *Streptococcus*

GROUP B STREP PANEL			
	n	DA	EM
Group B Strep	955	76	68

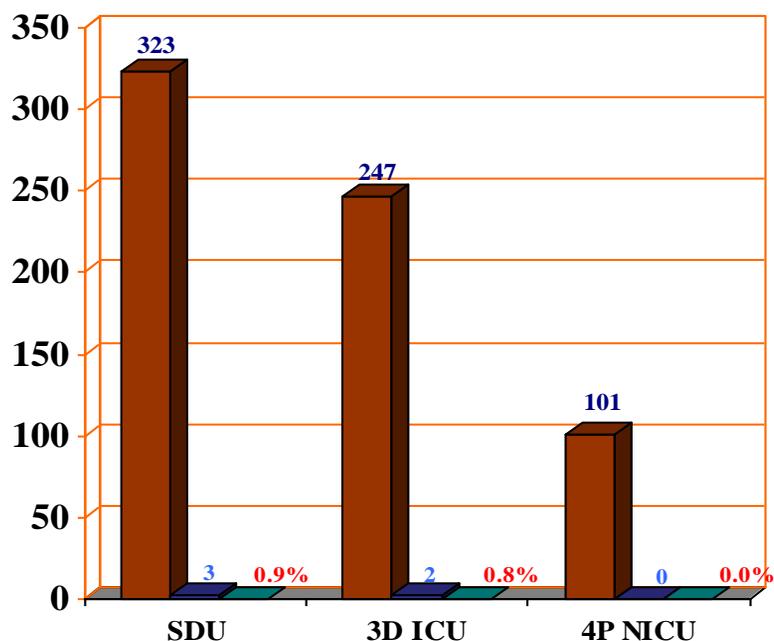
Started: 8/21/2004

ANTIBIOTIC LEGEND					
AMK: Amikacin	AML: Augmentin	AMP: Ampicillin	ATM: Aztreonam	CAZ: Ceftazidime	CIP: Cipro
CN: Gentamicin	CTT: Cefotetan	CTX: Cefotaxime	CXM: Cefuroxime	DA: Clindamycin	E: Erythro
F: Nitrofurantoin	FEP: Cefepime	IPM: Imipenem	KZ: Cefazolin	LVX: Levofloxacin	OX: Oxacillin
RD: Rifampin	SXT: Septra	TAZ: Pip/Taz	TE: Tetracycline	TOB: Tobramycin	TGC: Tygacil
VA: Vancomycin					

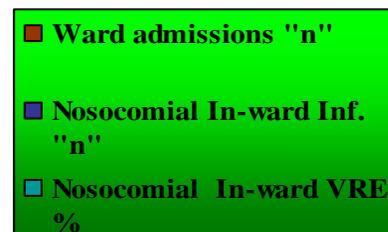
### Values used to interpret a sensitivity reaction

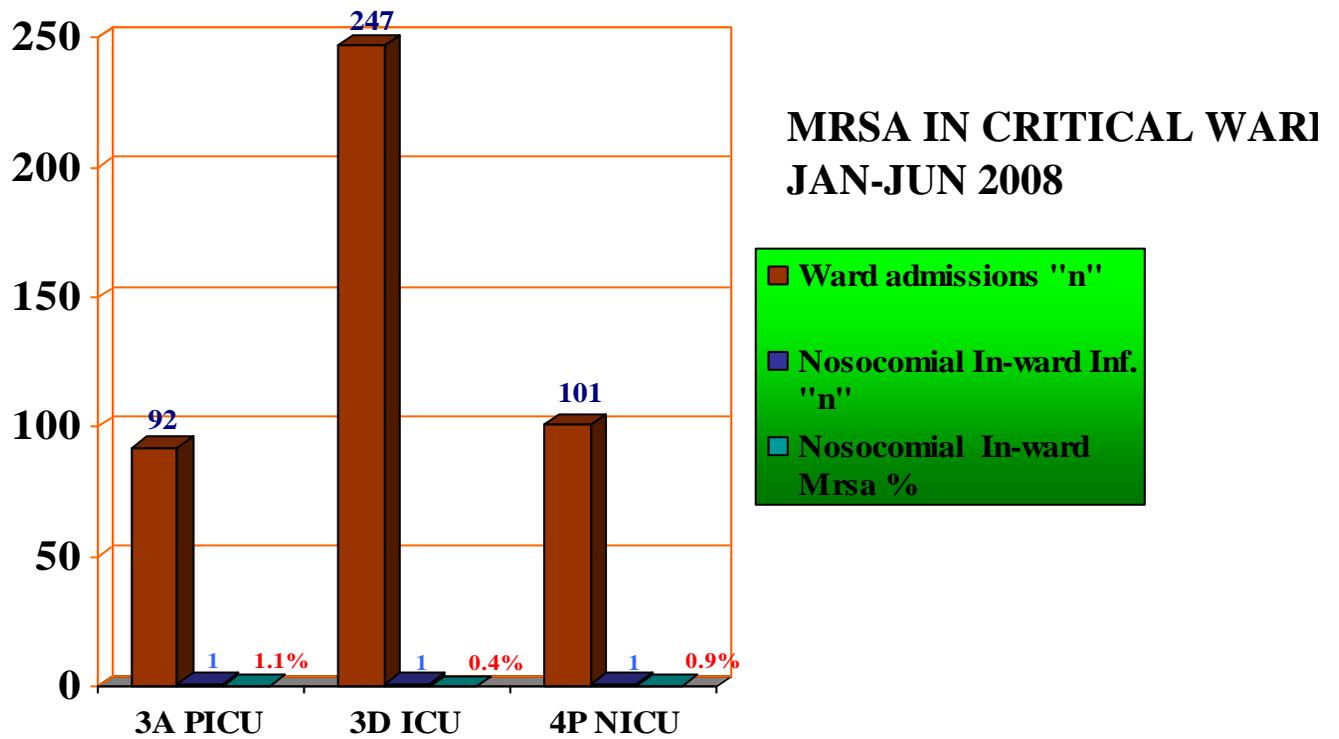
Antibiotic	MIC value	Interpretation
Pneumococcus Pen-G	0.03 ug/ml - 0.06 ug/ml	Susceptible
	0.12 ug/ml - 1.0 ug/ml	Intermediate
	> 2 ug/ml	Resistant
Pneumococcus Vanc	< 1.0 ug/ml	Susceptible
	> 1.0 ug/ml	Resistant
Pneumococcus Ceftriaxone (non-meningitis isolates)	< 1.0 ug/ml	Susceptible
	2.0 ug/ml	Intermediate
	> 4.0 ug/ml	Resistant
Pneumococcus Ceftriaxone (meningitis isolates)	< 0.5 ug/ml	Susceptible
	1.0 ug/ml	Intermediate
	> 2.0 ug/ml	Resistant
Non-enterococcal Strep Pen-G	0.03 ug/ml - 0.12 ug/ml	Susceptible
	0.25 ug/ml - 2.0 ug/ml	Intermediate
	> 4 ug/ml	Resistant
Enterococcus Streptomycin Syn (STS)	< 1000 ug/ml	Susceptible
	> 1000 ug/ml	Resistant
Enterococcus Gentamicin Syn (GMS)	< 500 ug/ml	Susceptible
	> 500 ug/ml	Resistant

Provided by Naval Medical Center Portsmouth, Microbiology (c) 2003



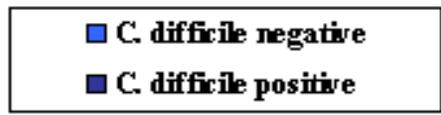
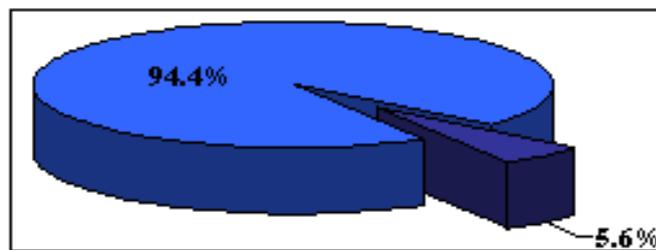
### VRE IN CRITICAL WARDS JAN-JUN 2008





### Clostridium difficile Positive tracking Jan-June 2008

*C. difficile* "n": 692  
Positive *C. difficile* "n": 39







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